

In the claims

1-43. (Canceled)

44. (Previously presented) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment.

45. (Currently amended) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment ~~The implantable medical device of claim 44~~, wherein the main-chain segment includes poly(ethylene-co-vinyl alcohol).

46. (Currently amended) The implantable medical device of claim ~~44~~ 45, wherein ~~the main-chain segment includes poly(ethylene-co-vinyl alcohol)~~ and the side-chain segment includes poly(ethylene oxide).

47. (Currently amended) The implantable medical device of claim ~~44~~ 45, wherein ~~the main-chain segment includes poly(ethylene-co-vinyl alcohol)~~ and the side chain is derived from polyethylene oxide having an isocyanate moiety.

48. (Currently amended) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other

~~segment~~ ~~The implantable medical device of claim 44~~, wherein the main chain segment is more hydrophobic than the side chain segment.

49. (Currently amended) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment ~~The implantable medical device of claim 44~~, wherein the preferential solubility is towards the side chain segment.

50. (Previously presented) An implantable medical device comprising a coating, the coating including a poly(ethylene-co-vinyl alcohol) conjugated to a polyethylene oxide.

51. (Previously presented) The implantable device of Claim 50, additionally comprising a drug.

52. (Previously presented) The implantable device of Claim 50, additionally comprising a drug having preferential solubility for the polyethylene oxide.

53. (Previously presented) An implantable medical device comprising a coating, the coating including a product of reaction of poly(ethylene-co-vinyl alcohol) and a polyethylene oxide having an isocyanate functionality.

54. (New) The implantable medical device of claim 44 which is a stent.

55. (New) The implantable medical device of claim 45 which is a stent.

56. (New) The implantable medical device of claim 48 which is a stent.

57. (New) The implantable medical device of claim 49 which is a stent.

58. (New) The implantable medical device of claim 50 which is a stent.

59. (New) The implantable medical device of claim 53 which is a stent.